

Paul Karpenko

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<http://paulkarpenko.com/code/>

SUMMARY

I love turning ideas into great applications and I excel at quick prototyping. I pride myself on cultivating a varied toolbox of patterns and technologies that I can quickly assemble into a working proof-of-concept or demo. I've worked with a variety of languages and environments, from C# and JavaScript, to Flash Actionscript 3.0 with WCF data services. I'm also a great resource for projects with no resources to spare and can be a one-man army when necessary. I've built everything from a URL minifier in C#, to a faceting system for search results in ASP.NET with jQuery, to a rich traversal engine for entity relationships in ActionScript 3.0, to a graphical survey for the Metro Windows 8 Tablet. Ultimately, I have a knack for grasping systems and love making software that empowers users to solve problems.

EDUCATION

University of Illinois at Urbana-Champaign

2001 - 2005

Bachelor of Science in *Mathematics/Computer Science*
Minor in *Cinema Studies*

SKILLS

- *Languages:* JavaScript • C# • PHP • SQL • ActionScript • Java
- *Data Handling:* JSON • LINQ • XML w/XPath/E4X • ADO.NET
- *JavaScript Frameworks:* Ember • jQuery • jq UI • gRaphaël
- *Methodologies:* Object-Oriented Architecture • Rapid Prototyping

EXPERIENCE

Isobar

<http://isobar.com>

Lead Interactive Developer • Chicago, IL • 2011 - Present (Currently working remotely from Los Angeles)

Isobar is a digital agency that builds web and mobile applications for a variety of clients. I've had the pleasure of working on interesting projects for a variety of clients including Motorola, The Air National Guard, Sprint, and Healthways. Primarily using C#—often with MVC.NET—and JavaScript, it's been my job to make critical front-end and back-end architectural decisions in order to build out new functionality. I regularly utilize JavaScript frameworks like jQuery for DOM control, gRaphaël for charting and various mvc solutions for code organization—a must for any web application with a rich front-end.

SpencerStuart

<http://spencerstuart.com>

Senior Front-End Developer • Chicago, IL • 2005 - 2011

My six years here were a huge learning experience. Because our user-base was small (albeit vocal) it was easy to experiment with methodologies and techniques on almost every project. I participated in broad development of in-house corporate business applications using C#, JavaScript (with jQuery), SQL and Actionscript 3.0. I was solely responsible for the development of an average of two business-critical projects per year and particularly sought out to implement rich web technologies.

National Center for Supercomputing Applications (NCSA)

<http://www.ncsa.illinois.edu/>

Web Developer • Champaign, IL • 2005

I contributed to the development of an eLearning portal project using Java and Java web frameworks with a SQL back-end.

Cambridge Systematics

<http://www.camsys.com/>

Web Developer • Cambridge, MA • 2004

I worked within a Java development group designing both the client view (with WebWork and SiteMesh) and Java controller (writing Java actions, classes, and algorithms) of a web-based Transport Permit System for the state of Indiana.

References available upon request.